6.6ft (2m) USB-C to Null Modem Serial Adapter Cable, COM Retention, FTDI, Type-C to Female DB9 RS232, Status LEDs, Interchangeable DB9 Screws and Nuts

Product ID: 1P6FFCN-USB-C-SERIAL



Add RS-232 serial communication support to USB-C laptops or desktops using this 6.6ft (2m) USB-C to DB9 null modem serial adapter cable.

The adapter adds an RS-232 DB9 female connector through a USB Type-C port. The cable improves reach to serial equipment and supports cleaner routing behind desks, workstations, kiosks, or service benches. Secure it with pre-installed removable DB9 screws or install the included DB9 nuts for expanded compatibility with serial peripherals.

Transmit, Receive, and USB LEDs show activity and host recognition for faster setup and at-a-glance troubleshooting.

The FTDI-based adapter supports Windows, macOS, ChromeOS, and Linux. Driver auto-install and COM retention help maintain serial access after reboots or reconnects.

Molded TPE housing adds rugged protection against flexing and wear, while the Level-4 ESD (15kV air/8kV contact) protection helps protect connected devices from static discharge. Copper shielding helps minimize interference for cleaner signal transmission, and gold-plated connectors resist corrosion for long-term connection reliability. Rated for -40C to 80C operation, the cable is built for dependable performance in demanding industrial and commercial environments.

Certifications, Reports and Compatibility

RoHS Compliant



Applications

• Add RS-232 null modem capabilities between USB-enabled Data Terminal Equipment (DTE) and DTE serial peripherals

• Connect, monitor, and control industrial sensors and equipment

• Connect bar code scanners, receipt printers, and other point of sale devices

• Program LED and digital signage boards with serial communication ports

Features

• Adapt to Existing Serial Setups: 6.6ft (2m) USB-C to null modem DB9 RS-232 adapter cable with interchangeable DB9 nuts (pre-installed) and screws supports a variety of serial peripherals and cabling while providing extra reach for flexible placement

• Monitor Port Activity at a Glance: Transmit, Receive, and USB LEDs show live port activity and host recognition status, helping IT teams confirm connection behavior faster during setup and troubleshooting

• Standardize Across Major Operating Systems: FTDI chipset supports Windows, macOS, ChromeOS, and Linux with driver auto-install and COM retention, simplifying deployments and maintaining serial access after reboots or reconnects

• Engineered for Demanding Environments: Level 4 ESD protection (15kV air / 8kV contact), molded TPE housing, copper shielding, gold-plated connector pins and a -40C to 80C range help maintain reliable connectivity in industrial or commercial environments

• The IT Pro's Choice: Access a broad portfolio of serial connectivity solutions from a trusted partner, rigorously tested for reliable performance and backed by free lifetime 24/5 multilingual technical assistance

Hardware

Warranty	2 Years
Ports	1

	Interface	Serial
	Bus Type	USB 2.0
	Port Style	Cable Adapters
	Industry Standards	USB 2.0/1.1
		RS-232
	Chipset ID	FTDI - FT232R
Performance		
	Serial Protocol	RS-232
	Max Baud Rate	921.6 Kbps
	Data Bits	7, 8
	FIFO	128 Byte RX Buffer
		256 Byte TX Buffer
	Parity	Even, Odd, None, Space, and Mark
	Stop Bits	1, 2
Connector(s)		
	Connector A	1 - USB 2.0 Type-C
	Connector B	1 - 9 pin D-Sub (DB-9) Male
Software		
	OS Compatibility	Windows 7, 8/8.1, 10, 11, 11 ARM
		Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025
		macOS 10.9 to 10.15, 11.0, 12.0, 13.0, 14.0, 15.0, 26.1
		Linux 4.15.x and up - LTS Versions only
		Chrome OS
Indicators		
	LED Indicators	1 - Data Receive LED: Flashes Green to indicate activity
		1 - Data Transmit LED: Flashes Yellow to indicate activity
		1 - USB LED: Solid Blue to indicate driver has been installed, and USB connection enumerated

Environmental		
	Operating Temperature	-40C to 80C (-40F to 176F)
	Storage Temperature	-40C to 80C (-40F to 176F)
	Humidity	0% ~ 95% RH (non-condensing)
Physical Characteristics		
	Color	Black
	Cable Length	78.7 in [2000 mm]
	Product Length	78.7 in [2000 mm]
	Product Width	1.3 in [33.5 mm]
	Product Height	0.6 in [16 mm]
	Weight of Product	1.8 oz [50 g]
Packaging Information		
	Package Length	4.3 in [11.0 cm]
	Package Width	7.5 in [19.0 cm]
	Package Height	0.7 in [1.9 cm]
	Shipping (Package) Weight	3.2 oz [92.0 g]
What's in the Box		
	Included in Package	1 - USB-C Serial Adapter Cable with Attached Screws
		2 - DB9 Nuts
		1 - Product Documentation
Warranty Information		
	Warranty	2 Years

Product appearance and specifications are subject to change without notice.